

## WHAT IS CLAIMED IS:

1. A valve train for an internal combustion engine comprising a cam lobe fixed on a cam shaft and a roller follower provided with a roller to come in rotation-contact with the cam lobe, wherein the cam lobe is made of an iron based sintered material, and the surface roughness Ra of the outer circumferential surface thereof is 0.4 to 2.2  $\mu\text{m}$ .
2. The valve train according to claim 1, wherein the surface roughness Ra of the outer circumferential surface of the roller is 0.4 to 2.2  $\mu\text{m}$ .
3. A valve train for an internal combustion engine comprising a cam lobe fixed on a cam shaft and a roller follower provided with a roller to come in rotation-contact with the cam lobe, wherein the surface roughness Ra of the outer circumferential surface of the roller is 0.4 to 2.2  $\mu\text{m}$ .
4. The valve train according to claim 3, wherein the surface roughness Ra of the outer circumferential surface of the cam lobe is 0.4 to 2.2  $\mu\text{m}$ .